

Power Cost Memorandum Fuel Cost Update

Date: December 17, 2020

Utility Name (Cert. No.) Tanalian Electric Cooperative (447)	Utility File No. PC90-1118M	Date Filed: October 30, 2020
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PCE AMOUNT SUMMARY	Previously Approved PC90-1118L	Staff Recommended Amount(s) and Effective Date PC90-1118M
Class Rate	<u>Date Approved:</u> August 21, 2020	December 18, 2020
Residential	\$0.3153	\$0.3181
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: \$ 2.7741	New Fuel Purchase Price: \$ 2.8048
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: \$189	Surcharge Change: Previous 0.1617 Updated 0.1617

Weighted Average Fuel Price/Gal. Calculation					
	Gallons		Price		
On-hand before deliv.	50,899	X	2.7741	=	141,199.12
Delivered	26,001	X	2.8649	=	74,490.88
	<u>76,900</u>				<u>\$ 215,689.99</u>
					Weighted Average \$ 2.8048

Signed: Brenda Cox
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 12/17/20)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<u>RMP</u>		
McAlpine		<u>SM</u> SM		
Scott		<u>AGS</u> AGS		
Sullivan		<u>BS</u> BS		
Wilson		<u>JW</u> JW		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

Tanalian Electric Cooperative

APPENDIX 1

POWER COST EQUALIZATION CALCULATION
BASED ON TEST PERIOD ENDING June 30, 2018
Fuel Cost Update

	PC90-1118L	PC90-1118M	PC90-1118M
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Generated	866,025	866,025	866,025
B. Total kWh Sold (Appendix 2)	793,477	793,477	793,477
C. Total Non-Fuel Costs (Appendix 2)	213,882	213,882	213,882
D. Non-Fuel Cost/kWh (C / B)	\$0.2696	\$0.2696	\$0.2696
E. Total Fuel Costs (Appendix 2)	213,182	215,541	215,541
F. Fuel Costs/kWh (E / B)	\$0.2687	\$0.2716	\$0.2716
G. Eligible Costs/kWh (D + F)	\$0.5382	\$0.5412	\$0.5412
H. Eligible Cost/kWh (G) Less 19.10 cents/kWh	\$0.3319	\$0.3349	\$0.3349
I. Lesser of (H) or 80.90 cents/kWh	\$0.3319	\$0.3349	\$0.3349
J. Average Class Rates (Appendix 3) Residential	\$0.4454	\$0.4454	\$0.4454
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J) Residential	\$0.3153	\$0.3181	\$0.3181
L. Funding Level in Effect	100%	100%	100%
Residential	\$0.3153	\$0.3181	\$0.3181

**PC90-1118M
Appendix 1**

Tanalian Electric Cooperative

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
BASED ON TEST PERIOD ENDING June 30, 2018

Fuel Cost Update

		PC90-1118L	PC90-1118M
		Prior Commission Approval	Per Utility
		Staff Recommended	
Non-Fuel Costs:			
A.	Personnel Costs	80,508	80,508
B.	Operating Expense	6,275	6,275
C.	General & Administrative	58,967	58,967
D.	Depreciation	68,132	68,132
E.	Interest Expense	-	-
F.	Other (Interest Income)	-	-
G.	Total Non-Fuel Costs	213,882	213,882
Fuel Costs:			
H.	Gallons Consumed for Electric Generation	76,847	76,847
I.	Wtd. Avg. Price of Fuel	\$2.7741	\$2.8048
J.	Total Cost of Fuel	\$213,182	\$215,541
K.	KWh Generated	936,760	936,760
L.	kWh Sales	850,107	850,107
M.	Station Service	22,670	22,670
N.	Efficiency (K/H)	≥	Standard 11.5
O.	Line Loss	≤	12%
(kWh generated-(kWh sold + Station Service)/kWh generated		6.83%	6.83%

PC90-1118M
Appendix 2

Tanalian Electric Cooperative

APPENDIX 3

Calculation of Average Class Rate per kWh

Rate Schedule: Residential

Customer Charge (CC): \$25.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+ CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063 (\$/kWh)
500	0.4400	0.1617	0.6017	325.85	0.6517	0.4454

500 325.85 0.6517 0.4454
TOTAL (A) (E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2063 (\$/kWh)

TOTAL (A) (E)

Computation of Community Facilities Average Rate

Rate Schedule:

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - 0.2063 (\$/kWh)
0 to ∞				
Next to				
Next to				
Next to				
Next to				

Tanalian Electric Coop., Inc.

	Invoice Number	Delivery Date	Gallons	Cost per Gallon	Delivery/ Mark-Up	Total Cost
Beginning Fuel Inventory			50,899			
Last Approved Fuel Cost/Gal.				\$ 2.7741		
Beginning Fuel Inventory in Gallons	X	Last Approved Fuel Cost/Gal. = Beginning Fuel Inventory Cost --->				\$ 141,199
Reporting Period Purchases	97402	07/16/20	2,000.0	2.9381	189.00	6,065
	97404	07/16/20	1,000.0	2.9381	94.50	3,033
	97406	07/16/20	1,000.0	2.9381	94.50	3,033
	97413	07/18/20	2,000.0	2.9181	189.00	6,025
	98567	09/08/20	2,000.0	2.7981	189.00	5,785
	98569	09/09/20	4,000.2	2.7481	378.00	11,371
	98719	09/12/20	2,001.0	2.7281	189.00	5,648
	98858	09/24/20	8,000.0	2.6981	756.00	22,341
	98919	09/28/20	2,000.0	2.7281	189.00	5,645
	98841	09/23/20	2,000.0	2.6781	189.00	5,545
						-
						-
Totals for Reporting Period Purchases on this sheet:			26,001			74,491
Grand Totals (beginning inventory plus purchases)	A		76,900		B \$	215,690

Grand Total Cost divided by Grand Total Gallons = 2.8048 Weighted Avg. Cost per gallon
Purchases: Total Cost divided by Grand Total Gallons = 2.8649 Avg. Cost per gallon

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